

App. No. 09/788,329

Amendment Dated: January 31, 2006

Reply to Office Action of November 21, 2005

Amendments to the Claims:

1. (Currently amended): A computer-implemented method for routing messages for a device, comprising:

providing a plurality of prioritized providers, wherein each provider is associated with a message type;

receiving a message;

routing the message to the plurality of prioritized providers, wherein the provider with the first highest priority receives the message first;

routing the message to the provider with the second highest priority when the provider with the first highest priority rejects the message;

associating the message with at least one of the plurality of prioritized providers when the at least one of the plurality of prioritized providers recognizes the message type; and

informing an application associated with the provider that the message is waiting without the application sending a query to receive an indication that the message is waiting.

2. (Previously presented): The method of Claim 1, further comprising:

waiting for the application to request the message;

formatting the message to the requirements of the application; and

delivering the message to the application.

3. (Previously presented): The method of Claim 2, wherein associating the message with a provider, further comprises:

providing the message to a provider based on a priority level; and

determining if the prioritized provider is associated with the message.

4. (Previously presented): The method of Claim 3, wherein the provider has a unique priority level.

5. (Previously presented): The method of Claim 4, wherein determining if the prioritized provider is associated with the message, further comprises:

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receiving a response from the prioritized provider indicating if the prioritized provider is associated with the message; and

associating the message with the prioritized provider if the received response indicates that the prioritized provider is associated with the message.

6. (Original): The method of Claim 5, wherein associating the message with the prioritized provider if the received response indicates that the prioritized provider is associated with the message, further comprises storing the message in a location associated with the prioritized provider.

7. (Currently amended): A computer-readable medium having computer-executable instructions for routing messages, comprising:

receiving a message having a message type indicated by a character sequence in the message;

routing the message to a first prioritized provider from a list of prioritized providers;

associating the message with the first prioritized provider when the first prioritized provider recognizes the character sequence, wherein an application associated with the first prioritized provider is informed that the message is waiting without the application sending a query to receive an indication that the message is waiting; and

routing the message to a second prioritized provider when the first prioritized provider does not recognize the character sequence.

8. (Previously presented): The computer-readable medium of Claim 7, wherein associating the message with the first prioritized provider further includes further comprising:

waiting for the application to request the message;

formatting the message to the requirements of the application; and

delivering the message to the application.

9. (Previously presented): The computer-readable medium of Claim 8, wherein formatting the message to the requirements of the application further comprises:

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providing access to the message to the first prioritized provider associated with the requesting application; and

the first prioritized provider associated with the requesting application formatting the message to the requirements of the application.

10. (Previously presented): The computer-readable medium of Claim 8, wherein associating the message with a provider, further comprises:

prioritizing the list of providers based on a priority level; and

providing access to the message to each of the prioritized providers in order of priority until the message has been associated.

11. (Original) The computer-readable medium of Claim 10, wherein each of the set of providers has a unique priority level.

12. (Previously presented) The computer-readable medium of Claim 11, wherein providing access to the message to each of the prioritized providers in order of priority until the message has been associated, further comprises:

receiving a response from the highest level prioritized provider indicating if the prioritized provider is associated with the message; and

associating the message with the highest level prioritized provider if the received response indicates that the prioritized provider is associated with the message.

13. (Previously Presented) The computer-readable medium of Claim 12, wherein associating the message with the prioritized provider if the received response indicates that the prioritized provider is associated with the message, further comprises storing the message in a location associated with the prioritized provider.

14. (Currently amended) A system for routing messages, comprising:
a processor and a computer-readable medium;
an operating environment stored on the computer-readable medium and executing on the processor;

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a communication connection device operating under the control of the operating environment; and

a routing device operating under the control of the operating environment and operative to perform actions, including:

receiving a message having a provider indicator;

routing the message until at least one provider recognizes the provider indicator, wherein the message is routed according to a priority level of the provider, wherein the provider having the first highest level of priority receives the message first, and wherein the message is routed to a provider having a second highest level of priority when the provider having the first highest level of priority does not recognize the provider indicator;

associating the message with at least one provider when the at least one provider recognizes the provider indicator;

delivering the message to an application associated with the at least one provider when the at least one provider recognizes the provider indicator, wherein the application is informed that the message is waiting without the application sending a query to receive an indication that the message is waiting.

15. (Previously presented) The system of Claim 14, wherein the routing device is further operative to perform actions, including:

waiting for the application to request the message; and

formatting the message for the application.

16. (Previously presented) The system of Claim 15, wherein associating the message with a provider, further comprises:

providing the message to a provider based on a priority level; and

determining if the prioritized provider is associated with the message.

17. (Previously presented) The system of Claim 16, wherein determining if the prioritized provider is associated with the message, further comprises:

receiving a response from the prioritized provider indicating if the prioritized provider is associated with the message; and

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associating the message with the prioritized provider if the received response indicates that the prioritized provider is associated with the message.

18. (Original) The system of Claim 17, wherein associating the message with the prioritized provider if the received response indicates that the prioritized provider is associated with the message, further comprises storing the message in a location associated with the prioritized provider.

19. (Previously presented) The system of Claim 18, wherein formatting the message for the application further comprises:

providing access to the message to the provider associated with the requesting application; and

the provider associated with the requesting application formatting the message to the requirements of the application.

20. (Currently amended) A computer-implemented method for routing messages for a device, comprising:

providing a plurality of providers, wherein each provider is associated with a message type and at least one application;

prioritizing the plurality of providers, wherein the plurality of providers are prioritized from a high priority to a low priority;

receiving at least one message including a provider character sequence;

routing the at least one message to the prioritized plurality of providers until one of the plurality of providers recognizes the provider character sequence, wherein the message is routed to each of the providers in order of priority;

indicating that the message is recognized;

associating the recognized message with the recognizing provider;

informing an application that the message is waiting without the application

sending a query to receive an indication that the message is waiting;

requesting, by the ~~at least one~~ application, delivery of the message;

associating the request with the recognizing provider;

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formatting the message for the application; and
delivering the formatted message to the application.